

WHAT IS CLAIMED IS:

1. A system, comprising:
a storage device configured to store a plurality of files; and
5 a file system configured to manage access to said storage device, wherein said file system is configured to:
detect an operation to access content of a first file stored on said storage device;
subsequent to detecting said operation, store a record of said operation
10 associated with said first file, wherein said record includes a signature corresponding to said first file.
2. The system as recited in claim 1, wherein said operation corresponds to a file read operation or a file write operation.
- 15 3. The system as recited in claim 1, wherein said operation is generated by an application and wherein said record includes an identity of said application.
4. The system as recited in claim 1, wherein said record is stored in a named stream
20 corresponding to said first file, wherein said file system comprises a history stream, and wherein said file system is further configured to store an indication of said operation in said history stream in response to storing said record in said named stream.
5. The system as recited in claim 1, wherein said record is stored in a database
25 configured to store a plurality of entries, and wherein said database is further configured to respond to a query of said plurality of entries.

6. The system as recited in claim 1, wherein said record is stored in extensible markup language (XML) format.

7. The system as recited in claim 1, wherein subsequent to storing said record, said
5 file system is further configured to associate said record with a second file in response to detecting a second operation to modify the identity of said first file, wherein said second operation corresponds to a file copy operation specifying said first file as a copy source and said second file as a copy destination.

10 8. A method, comprising:
storing a plurality of files;
detecting an operation to access content of a first stored file;
subsequent to detecting said operation, storing a record of said operation
associated with said first stored file, wherein said record includes a
15 signature corresponding to said first stored file.

9. The method as recited in claim 8, wherein said operation corresponds to a file read operation or a file write operation.

20 10. The method as recited in claim 8, wherein said operation is generated by an application and wherein said record includes an identity of said application.

11. The method as recited in claim 8, wherein said record is stored in a named stream corresponding to said first stored file, and wherein the method further comprises storing
25 an indication of said operation in a history stream in response to storing said record in said named stream.

12. The method as recited in claim 8, wherein said record is stored in a database configured to store a plurality of entries, and wherein said database is further configured to respond to a query of said plurality of entries.
- 5 13. The method as recited in claim 8, wherein said record is stored in extensible markup language (XML) format.
14. The method as recited in claim 8, further comprising associating said record with a second stored file in response to detecting a second operation to modify the identity of
10 said first stored file, wherein said second operation corresponds to a file copy operation specifying said first file as a copy source and said second file as a copy destination.
15. A computer-accessible medium comprising program instructions, wherein the program instructions are computer-executable to:
- 15 store a plurality of files;
detect an operation to access content of a first stored file;
subsequent to detecting said operation, store a record of said operation associated with said first stored file, wherein said record includes a signature corresponding to said first stored file.
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16. The computer-accessible medium as recited in claim 15, wherein said operation corresponds to a file read operation or a file write operation.
17. The computer-accessible medium as recited in claim 15, wherein said operation is
25 generated by an application and wherein said record includes an identity of said application.

18. The computer-accessible medium as recited in claim 15, wherein said record is stored in a named stream corresponding to said first stored file, and wherein said program instructions are further computer-executable to store an indication of said operation in a history stream in response to storing said record in said named stream.

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19. The computer-accessible medium as recited in claim 15, wherein said record is stored in a database configured to store a plurality of entries, and wherein said database is further configured to respond to a query of said plurality of entries.

10 20. The computer-accessible medium as recited in claim 15, wherein said record is stored in extensible markup language (XML) format.

21. The computer-accessible medium as recited in claim 15, wherein said program instructions are further computer-executable to associate said record with a second stored
15 file in response to detecting a second operation to modify the identity of said first stored file, wherein said second operation corresponds to a file copy operation specifying said first file as a copy source and said second file as a copy destination.

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